

IN THE CLAIMS:

1. (amended) A method of preventing and/or treating asthma in animals including humans using natural compound Luteolin, said method comprising administering a therapeutically effective dose of the Luteolin.

2. (amended) A method as claimed in claim 1, wherein the compound Luteolin shows ~~no~~ negligible side effects.

3. (original) A method as claimed in claim 1, wherein the compound Luteolin is administered orally.

4. (amended) A method as claimed in claim 1, wherein the method prevents development of asthmatic features comprising Early Airway Response (EAR) and Late Airway Response (LAR) ~~are prevented~~.

5. (original) A method as claimed in claim 1, wherein level of IFN-gamma increases to normal level.

6. (original) A method as claimed in claim 1, wherein level of IL-5 decreases to normal level.

7. (original) A method as claimed in claim 1, wherein level of IL-4 decreases to normal level.

8. (original) A method as claimed in claim 1, wherein level of IgE decreases to normal level.

9. (amended) A method as claimed in claim 1, wherein ~~the concentration of compound~~ Luteolin is ~~ranging between~~ administered in an amount in the range of 0.1 to 10 mg/kg of body ~~weights~~ weight.